

REMARKS

The request for a Substitute Sequence Listing was based on the Raw Sequence Listing Error Report which accompanied the Notification of Missing Requirements mailed April 12, 2007. The Substitute Sequence Listing has corrected the entry for SEQ ID NO:23, where a "misc_feature" indicated that positions 489-492 were described as "n = GAP". The relevant portion of the Sequence Rules at 37 C.F.R. § 1.822(e) states "A sequence with a gap or gaps shall be presented as a plurality of separate sequences, with separate sequence identifiers, with the number of separate sequences being equal in number to the number of continuous strings of sequence data." This is the foundation for representing this sequence as SEQ ID NOS: 23 and 24 in the Substitute Sequence Listing and amending the Specification to insert these sequence identifiers, accordingly.

In the present instance, the Specification at page 33, lines 13-14, indicates that a DNA fragment was inserted into a psiH1BX3.0 vector plasmid at the position indicated by hyphens at page 33, line 22, in the sequence on page 33, line 15 through page 35, line 26. Since the DNA fragment encoding siRNA of unknown length to be inserted is greater than the four nucleotides represented by four hyphens in the sequence at line 22 and the phrase "nucleotide 489-492" on line 13, the description of the "GAP" has been amended to reflect the nucleotide positions between which the insert would occur. That this insert of DNA encoding siRNA is greater than four nucleotides is supported by the general formula for siRNA given on page 18, line 33 through page 19, line 5, where [A] is "nucleotides 1533-1551" of SEQ ID NO:1, [B] is defined as 3-23 nucleotides and [A'] is also defined as 3-23 nucleotides.


A thorough review of the Specification revealed three sequences which were not included in the original Sequence Listing submitted August 15, 2006. The amendments to paragraphs beginning on pages 18, 19 and 30 incorporate insertion of these sequence identifiers.

Applicants request entry of this amendment in adherence with 37 C.F.R. §§1.821 to 1.825. This amendment is accompanied by a floppy disk containing the above named sequences, SEQ ID NOS:1-27, in computer readable form, and a paper copy of the sequence information which has been printed from the floppy disk.

The information contained in the computer readable disk was prepared through the use of the software program "FastSEQ" and is identical to that of the paper copy. This amendment contains no new matter.

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 415-576-0200.

Respectfully submitted,



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Attachments

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